



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chen et al. Art Unit : 2812
Serial No. : 10/810,784 Examiner : Unknown
Filed : March 26, 2004
Title : MULTIPLE ZONE CARRIER HEAD WITH FLEXIBLE MEMBRANE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. The references designated AA-BK are not provided pursuant to 1276 OG 55.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 8/15/04

David G —
David J. Goren
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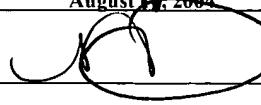
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Substitute Form PTO-1449 (Nonfinal)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 008698-556001	Application No. 10/810,784
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.14(b))		Applicant Chen et al.	
		Filing Date March 26, 2004	Group Art Unit 2812

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,373,991	02/83	Banks			
	AB	4,918,869	04/90	Kitta			
	AC	5,081,795	01/92	Tanaka et al.			
	AD	5,193,316	03/93	Olmstead			
	AE	5,205,082	04/93	Shendon et al.			
	AF	5,230,184	07/93	Bukhman			
	AG	5,423,558	06/95	Koeth et al.			
	AH	5,423,716	06/95	Strasbaugh			
	AI	5,441,444	08/95	Nakajima			
	AJ	5,443,416	08/95	Volodarsky et al.			
	AK	5,449,316	09/95	Strasbaugh			
	AL	5,476,414	12/95	Hirose et al.			
	AM	5,498,199	03/96	Karlsrud et al.			
	AN	5,584,751	12/96	Kobayashi et al.			
	AO	5,624,299	04/97	Shendon			
	AP	5,643,053	07/97	Shendon			
	AQ	5,643,061	07/97	Jackson et al.			
	AR	5,738,574	04/98	Tolles et al.			
	AS	5,759,918	06/98	Hoshizaki et al.			
	AT	5,762,539	06/98	Nakashiba et al.			
	AU	5,762,544	06/98	Zuniga et al.			
	AV	5,803,799	09/98	Volodarsky et al.			
	AW	5,851,136	12/98	Lawrence L. Lee			
	AX	5,851,140	12/98	Barns et al.			
	AY	5,879,220	03/99	Hasegawa et al.			
	AZ	5,957,751	09/99	Govzman et al.			
	AAA	5,964,653	10/99	Perlov et al.			

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 008698-556001	Application No. 10/810,784
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Chen et al.		
		Filing Date March 26, 2004	Group Art Unit 2812	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA	6,056,632	05/00	Mitchell et al.			
	BB	6,080,050	06/00	Chen et al.			
	BC	6,110,026	08/00	Arai			
	BD	6,116,992	09/00	Prince			
	BE	6,157,078	12/00	Lansford			
	BF	6,159,079	10/00	Zuniga et al.			
	BG	6,162,116	12/00	Zuniga et al.			
	BH	6,241,593	06/01	Chen et al.			
	BI	6,291,253	09/01	Lansford et al.			
	BJ	6,422,927	07/02	Steven M. Zuniga			
	BK	6,612,903 B2	09/03	Korovin et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BL	WO 01/74534 A2	10/11/2001	WIPO				
	BM	WO/00/13851	03/16/2000	WIPO				
	BN	WO 99/02304 A	01/99	WIPO				
	BO	WO 99/33613 A	07/99	WIPO				
	BP	WO 96/36459	11/1996	WIPO				
	BQ	WO 99/07516	02/99	WIPO				
	BR	0 156 746 A1	10/85	EPO			X	
	BS	0 653 270 A1	05/95	EPO				
	BT	0 841 123 A1	05/98	EPO				
	BU	86 31 087.9	04/87	Germany			X	
	BV	61-25768	02/86	Japan			X	
	BW	63-114870	05/88	Japan				Abstract
	BX	63-300858	12/88	Japan			X	

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Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	CA	1-216768	08/89	Japan			Abstract
	CB	2-224263	09/90	Japan			X
	CC	2-243263	09/90	Japan			Abstract
	CD	05 277929	10/93	Japan			Abstract

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CE	

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